

Northeast  
Nuclear Energy

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station  
Northeast Nuclear Energy Company  
P.O. Box 128  
Waterford, CT 06385-0128  
(203) 444-4300  
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The Northeast Utilities System  
Donald B. Miller Jr.,  
Senior Vice President - Millstone

Re: 10CFR50.73(a)(2)(i)(B)

October 7, 1994  
MP-94-577

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

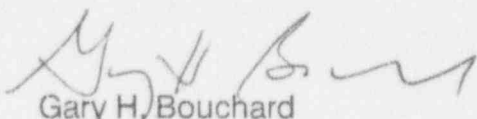
Reference: Facility Operating License No. DPR-65  
Docket No. 50-336  
Licensee Event Report 94-025-00

This letter forwards Licensee Event Report 94-025-00 required to be submitted within thirty (30) days pursuant to 10CFR50.73(a)(2)(i)(B).

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: Donald B. Miller, Jr.  
Senior Vice President - Millstone Station

BY:   
Gary H. Bouchard  
Director - Millstone Unit 2

DBM/JA:lfg

Attachment: LER 94-025-00

cc: T. T. Martin, Region I Administrator  
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3  
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2

140041  
9410140242 941007  
PDR ADDCK 05000336  
S PDR

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140041 / WPD0001

## LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Millstone Nuclear Power Station Unit 2										DOCKET NUMBER (2) 05000336		PAGE (3) 1 OF 3		
TITLE (4) Seismic Monitor Channel Inoperable														
EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)					
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME		DOCKET NUMBER			
09	07	94	94	025	00	10	07	94	FACILITY NAME		DOCKET NUMBER			
											05000			
											05000			
OPERATING MODE (9)		1		THIS REPORT IS BEING SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)										
POWER LEVEL (10)		100		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)				
				20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)				
				20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vi)		OTHER				
				20.405(a)(1)(iii)		X 50.73(a)(2)(i)		50.73(a)(2)(vii)(A)		(Specify in Abstract below and in Text, NRC Form 366A)				
				20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)						
				20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(v)						
LICENSEE CONTACT FOR THIS LER (12)														
NAME Philip J. Lutz, Nuclear Licensing										TELEPHONE NUMBER (include Area Code) (203) 440-2072				
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)														
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs				
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)					X NO									

## ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On September 7, 1994, at approximately 1300 hours with the Plant in Mode 1, at 100% power, it was determined that a Special Report required by Technical Specification 3.3.3.3, addressing a seismic monitor recorder that had been inoperable for greater than 30 days, had not been submitted. The seismic monitor had been found to be inoperable on July 14, 1994, and subsequently it was determined that it was likely that it has been inoperable since the previous surveillance test performed on June 13, 1994. The Plant Technical Specifications requires that an inoperable seismic monitor channel must be returned to service within 30 days or a Special Report submitted within the next 10 days. The recorder was immediately repaired, however, the need to submit a Special Report was not recognized at this time. Therefore, based on the information available from the subsequent investigation, the plant classified this event as an operation prohibited by Technical Specifications since the Special Report was not submitted within 10 days.

This is being reported pursuant to requirements of 10CFR50.73(a)(2)(i)(B) any operation prohibited by Technical Specifications.

EXPIRES: 5/31/95

**LICENSEE EVENT REPORT (LER)**  
**TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001 AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
Millstone Nuclear Power Station Unit 2	05000336	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	02 OF 03
		94	— 025 —	00	

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

**I. Description of Event**

On September 7, 1994, at approximately 1300 hours with the Plant in Mode 1, at 100% power, it was determined that a Special Report required by Technical Specification 3.3.3.3, addressing a seismic monitor recorder that had been inoperable for greater than 30 days, had not been submitted. The seismic monitor had been found to be inoperable on July 14, 1994, and subsequently it was determined that it was likely that it has been inoperable since the previous surveillance test performed on June 14, 1994. The Plant Technical Specifications requires that an inoperable seismic monitor channel must be returned to service within 30 days or a Special Report submitted within the next 10 days. The recorder was immediately repaired, however, the need to submit a Special Report was not recognized at this time. Therefore, based on the information available from the subsequent investigation, the plant classified this event as an operation prohibited by Technical Specifications since the Special Report was not submitted within 10 days.

On July 14, 1994, at 1300 hours with the Plant in Mode 1, the monthly surveillance test for the seismic monitor was started. During the performance of the test, the tape cassette recorder for one of the 5 electronic channels, (containment structure at the 75 ft. level) was found to be inoperable. The tape was removed, the equipment checked and found to be satisfactory and the tape was reinstalled and the recorder then worked properly. It was assumed that the tape must have been installed improperly. No other problems occurred and the surveillance test was completed satisfactorily the same day.

The surveillance procedure has steps to verify the tape drive is operating. The procedure requires observing the 5 monitor tapes in order to verify they turn. This is done several steps into procedure SP 2405A (step 6.4.4) and again several steps before restoration (step 6.12.9). The technician performing the test on June 13, 1994, thought he observed all tapes rotating.

Technical Specifications paragraph 3.3.3.3. LCO action (a) requires that an inoperable channel be restored within 30 days. LCO action (b) requires a special report be submitted within the next 10 days outlining the cause of the malfunction and plans for restoring the channel.

There is no evidence that the tape had been removed since the last surveillance on June 13, 1994. As a result it is assumed that the channel was inoperable 31 days or since the time of the last surveillance. In accordance with the Technical Specification, because the recorder was determined to be inoperable for greater than 30 days, a Special Report was required to be submitted within 10 days. This requirement was not recognized until September 7, 1994, during a subsequent investigation of this event, approximately seven weeks after the date the Special Report was due.

**II. Cause of Event**

The root cause of this event was personnel error. The plant personnel involved in the identification of this event failed to recognize that a Special Report was required at the time the recorder was discovered to be inoperable. This event was unique in that, because the recorder was immediately returned to operable status upon discovery, it was not immediately recognized that submission of a Special Report was required.

**III. Analysis of Event**

This is being reported pursuant to requirements of 10CFR50.73(a)(2)(i)(B) any operation prohibited by Technical Specifications, since the required report was not submitted within the 10 day period.

EXPIRES: 5/31/95

**LICENSEE EVENT REPORT (LER)**  
**TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB87714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

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		94	— 025 —	00	03 OF 03

**TEXT** (If more space is required, use additional copies of NRC Form 366A) (17)

During the initial review of this event, operability and reportability were not questioned based on point of discovery and immediately correcting the malfunction. The subsequent investigation determined that the malfunction probably occurred during the last surveillance interval. An assessment determined there was no safety consequences associated with this event. There are four other electronic channels that monitor seismic activity. In addition there are nine passive channels that also measure seismic activity.

**IV.** Corrective Action

The plant personnel involved with this event have been reminded to identify and communicate the need for Special Reports.

**V.** Additional Information

EIIS Code: A;IN;MON;T100 — Seismic Monitor

There are no similar LERs associated with missing a Special Report.

In 1989, a Special Report was submitted for the monitor being inoperable for 31 days due to inadequacies of Calibration Procedure SP 2405C.